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send titles of papers to the secretary of the eastern branch. If possible, abstracts not exceeding two hundred words should be forwarded at the same time as the titles of papers. *In no case will abstracts be received later than the date of the final adjournment of the coming meetings.* Members are requested to indicate the group to which their papers belong in such a scheme as is here given: (1) Comparative Anatomy; (2) Embryology; (3) Cytology; (4) Genetics; (5) Comparative Physiology; (6) Ecology; (7) Miscellaneous Subjects.

The last session of the Zoologists will be held on Thursday, January 1. The meetings of the Naturalists are planned for Wednesday, December 31. The Naturalists' dinner will be given on Wednesday evening.

CASWELL GRAVE,

Secretary Eastern Branch

JOHNS HOPKINS UNIVERSITY,
BALTIMORE, MARYLAND

THE SIGMA XI CONVENTION

THE fifteenth convention of the society will be held at Atlanta, Georgia, on Tuesday, December 30. It is proposed that the delegates to the convention have luncheon at one o'clock, followed by the meeting for the transaction of business. In the evening there will be a dinner for members of the society and their guests.

By the rules of the society the convention is held at the time and place of the meeting of the American Association for the Advancement of Science unless otherwise provided for by the officers of the society. In view of the distance of Atlanta from the larger scientific centers, the question was submitted to the members of the council. Twenty-nine voted to meet at Atlanta, two to hold the meeting elsewhere or not at all, and three were doubtful.

There is every reason to believe that a successful meeting for the transaction of business will be held at Atlanta. Members of the council who have been influential in the development of the society have expressed their intention to be present, and it may be expected that the chapters will be adequately

represented by their delegates. As the scientific programs of the American Association for the Advancement of Science and the affiliated societies will be less crowded than usual, the convention will have time to consider the important questions that will be brought before it.

DELEGATES TO THE CONVOCATION WEEK MEETING OF THE AMERICAN ASSO- CIATION FOR THE ADVANCE- MENT OF SCIENCE

At the Cleveland meeting of the American Association for the Advancement of Science, a committee was appointed to address a letter to educational institutions, government bureaus and other agencies engaged in scientific research, requesting them to send one or more delegates to the annual convocation week meetings of the American Association and the affiliated societies. This committee, which consists of Professor Charles S. Minot, chairman, Harvard Medical School; Professor J. McKeen Cattell, Columbia University, and Dr. L. O. Howard, the permanent secretary of the association, has addressed to a list of institutions the following letter:

At the meeting of the council of this Association, held in Cleveland, Ohio, on January 3, 1913, the following resolutions were adopted:

1. *Resolved:* That the Council of the American Association for the Advancement of Science requests the educational institutions, government bureaus and other agencies engaged in scientific research to send one or more delegates to the annual convocation week meetings of the Association and its affiliated societies, and that when possible the traveling expenses of the delegates be paid by the institutions which they represent.

2. *Resolved:* That a committee of three be appointed by the chair to draw up a list of institutions to which this resolution, together with a suitable letter, shall be sent by the permanent secretary.

The undersigned, in accordance with the above resolutions, were appointed as the committee called for, and we have the honor to invite your institution to send one or more delegates to the next meeting of the American Association for the Advancement of Science which will be held at Atlanta, Georgia, December 29, 1913, to January 3, 1914. We believe it will be of substantial benefit to your institution to be thus represented at our meeting. A considerable number of affiliated na-

tional scientific societies will meet together with the Association, which thus becomes a national congress, at which all the most important work and the most important problems of science and scientific education are adequately discussed. The paying of the expenses of delegates is not an innovation, as it is already the custom of several institutions, and in Europe it is the general custom, owing to the belief that the sending of official delegates to important scientific meetings is of great benefit to the institutions they represent.

Members of the association are requested by the committee to use their influence to secure the appointment of delegates from the institutions with which they are connected.

SCIENTIFIC NOTES AND NEWS

DR. BOOKER T. WASHINGTON, principal of the Tuskegee Industrial Institute, Alabama, extends a cordial invitation to the members of the American Association for the Advancement of Science and of the affiliated societies to visit the institute at the close of the Atlanta meeting.

A PORTRAIT of the late Dr. Morris Loeb, formerly professor of chemistry at New York University, was unveiled in the Gould Memorial Library at New York University on December 4. Mrs. Loeb, who presented the portrait, was present at the exercises, and Chancellor Elmer E. Brown accepted the gift in behalf of the university. Speeches of tribute to Dr. Loeb's memory were delivered by Dr. Arthur E. Hill, director of the Havemeyer chemical laboratory, of New York University, and Professor Charles Baskerville, director of the laboratory at the College of the City of New York.

THE Grashof Medal was presented to Mr. George Westinghouse at the recent meeting of the American Society of Mechanical Engineers. The medal was awarded to him last summer at the joint meeting at Leipzig of the American Society of Mechanical Engineers and the Verein Deutscher Ingenieure.

On the evening of December 17, the faculty of Brown University will give a dinner to Professor John H. Appleton, Newport-Rogers professor of chemistry, who this year com-

pletes fifty years of service. Professor Appleton began teaching at Brown University at the unusually early age of nineteen.

DR. SHOSUKE SATO, professor and dean of the Agricultural College of the Tohoku University, has been designated as exchange professor at the American universities. He was a student of agricultural economy at Johns Hopkins University and also in Germany from 1882 to 1886.

PROFESSOR A. A. NOYES, of the Massachusetts Institute of Technology, will during the second semester of the year conduct courses and give lectures in chemistry at the Throop College of Technology, Pasadena, Cal.

MAJOR F. F. RUSSELL, formerly professor of bacteriology and pathology at the Army Medical School, Washington, D. C., has been appointed lecturer in tropical medicine at the New York Post-Graduate Medical School and Hospital. Major E. R. Whitmore, recently lecturer in tropical medicine at the Post-Graduate Medical School, has been transferred to Washington, and is now professor of bacteriology and pathology at the Army Medical School.

CAPT. J. F. SILER, of the Medical Corps of the United States Army, and Mr. A. H. Jennings, of the Bureau of Entomology, Department of Agriculture, have recently returned from the West Indies, where, in association with Dr. Louis W. Sambon, of the London School of Tropical Medicine, they have been investigating pellagra and other tropical diseases in the interests of the Thompson-McFadden Pellagra Commission of the New York Post-Graduate Medical School and Hospital.

M. JEAN PERRIN, professor of physical chemistry at the University of Paris and at present exchange professor at Columbia University, gave an illustrated lecture on December 4, on "Brownian Movement and Molecular Reality" at a joint meeting of the Washington Academy of Sciences and the Philosophical Society of Washington.

DR. MAX PLANCK has been installed as rector of the University of Berlin and gave on the